VILLAGE OF CENTURIA

305 WISCONSIN AVE
BOX 280
CENTURIA, WISCONSIN 54824

05-GF-113
(1040)

January 20, 2005

Mr. Scot Cullen, Chief Electric Engineer
Public Service Commission
610 N. Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

RE: In the Matter of Filing Reporting Requirements for Appropriate Inspection and Maintenance, PSC Rule 113.0607(6)

Dear Mr. Cullen:

Enclosed for filing are 3 copies of Centuria Municipal Electric Utility's report to the commission, submitted every two years, showing compliance with its Preventative Maintenance Plan.

Very truly yours,

Glenn Melin

Glenn Melin
Electric Commissioner

Enclosures

TWO YEAR REPORT DOCUMENTING COMPLIANCE WITH THE PREVENTATIVE MAINTENANCE PLAN

Centuria Municipal Electric Utility

FILING DEADLINE
FEBRUARY 1, 2003

January 22, 2003

Glenn Melin
305 Wisconsin Avenue
Centuria Wisconsin
715-646-2300
Centuriavillage@lakeland.ws

This report format was prepared by the MEUW work group for PSC Rule 113.0607 for use by the 82 municipal electric utilities in Wisconsin and endorsed by PSC staff as meeting the requirements of Rule PSC 113.0607.

I Reporting Requirements: PSC 113.0607(6) states;

Each utility shall provide a periodic report to the commission showing compliance with its Preventative Maintenance Plan. The report shall include a list of inspected circuits and facilities, the condition of facilities according to established rating criteria, schedules established and success at meeting the established schedules.

II Inspection Schedule and Methods:

SCHEDULE:	MONTHLY	ANNUAL	EVERY 5 YEARS
Transmission (≥69Kv)			
Substations			
Distribution (OH & UG)			X

METHODS: Five criteria groups will be used to complete the inspection of all facilities.

1. IR – infrared thermography used to find poor electrical connections and/or oil flow problems in equipment. We have no equipment.
2. RFI - Radio Frequency Interference, a byproduct of loose hardware and connections, is checked every 5 years using an AM radio receiver.
3. SI – structural integrity of all supporting hardware including poles, crossarms, insulators, structures, bases, foundations, buildings, etc are checked every 5 years or more often.
4. Clearance – refers to proper spacing of conductors from other objects, trees and conductors. Trees are trimmed annually.
5. EC – equipment condition on non-structural components such as circuit breakers, transformers, regulators, reclosers, relays, batteries, capacitors, etc.

Transformers are up-rated as needed. OCR's are on a regular maintenance program. Distribution facilities will be inspected by substation circuits on a 5 year cycle such that the entire system will be inspected every 5 years. Inspector instructions for inspecting all facilities and forms are included in the plan.

III Condition Rating Criteria

This criterion, as listed below, establishes the condition of a facility and also determines the repair schedule to correct deficiencies .

0) Good condition
1) Good condition but aging
2) Non-critical maintenance required – normally repair within 12 months
3) Priority maintenance required – normally repair within 90 days
4) Urgent maintenance required – report immediately to the utility and repair normally within 1 week

IV Corrective Action Schedule

The rating criteria as listed above determine the corrective action schedule. On last inspection, we found no insulators cracked or broken.

V Record Keeping

All inspection forms and records will be retained for a minimum of 10 years. The inspection form contains all of the required critical information i.e. inspection dates, condition rating, schedule for repair and date of repair completion.

VI Reporting Requirements

A report and summary of this plan's progress will be submitted every two years with the first report due to the Commission by February 1, 2003. The report will consist of a cover letter documenting the percent of inspections achieved compared to the schedule and the percent of maintenance achieved within the scheduled time allowance.

VII Inspected Circuits and Facilities

Circuit # and description	Substation
	No Substations in the Village

We have no peaking generation.

VIII Scheduling Goals Established and Success of Meeting the Criteria:

Goal for the next 2 years is to replace all meters with a tested meter. Some meters are 15 years old and some may be longer.

IX Facility condition – rating criteria:

Centuria Municipal System is fed from a 3 phase circuit that goes past the village. The nearest substation is at Balsam Lake, about 6 miles to the east. It would be safe to say that most of our outages are at the Substation in Balsam Lake or the on the 3 phase line that eventually feeds Centuria. Our 3 phase supplier is Northwestern Electric at Grantsburg, Wisconsin. They have informed CMEU that their plan is to build a substation as close as possible to Centuria, because the area around Centuria and beyond our border is serviced by NEW and the need for more power is very evident with all the new housing that is proposed and to be taken care of by NEW. This substation would have a feeder 3 phase line that would be possibly less than 500 feet. Our total outage time would be reduced. We have one 3 phase line that goes thru the Village with short tapes coming off from it to feed the included customers. At present, we have no acid inspection forms. If you have a form that you like for inspections, we would be pleased if you could send some copies so that we could keep a uniform bookkeeping system for years to come. As of now, our inspection form is a tablet with things-to-do list on it which is not very extensive.